8 FLUORESCENT DETECTION OF THE ELECTROPHORESIS GEL

NOTE: Review the FMBIO manual before proceeding. Refer to this manual for further details on the following procedures.

8.1 EQUIPMENT

8.1.1 FMBIO II or III Plus Fluorescent Imaging Analysis System (Hitachi/MiraiBio)

8.1.2 Power Mac or Mac Clone Computer

8.1.3 Laser Printer

8.2 MATERIALS

8.2.1 Kimwipes

8.3 REAGENTS

8.3.1 Type 1 Water

8.3.2 70 % Ethanol

8.4 FLUORESCENT DETECTION FOR POWERPLEX® SYSTEM GELS

8.4.1 The FMBIO and Macintosh/PC computer should be turned on at least 30 minutes before scanning a typing gel.

8.4.2 Clean the glass plate setup by placing it under running water and removing all the acrylamide and urea from the outside.

8.4.3 Rinse the glass plate setup with Type I Water and dry with a Kimwipe. Remove any smuggles using 70% Ethanol and a Kimwipe.

8.4.4 Refer to Appendix F (FMBIO II) or Appendix G (FMBIO III Plus) for procedure for operating the instrument.

NOTE: **If the polyacrylamide gel will be reused after it has been scanned, refer to Appendix N, Reuse of A Polyacrylamide Electrophoresis Gels, for the procedure.**

♦END